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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 4th June, 1977

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 8th January 1977, under the heading "Complete Specifications Accepted"—

In page 35, column 2, line 11, against No. 140966—
for Patent Office, Calcutta
read Patent Office, Delhi Branch.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

28th April, 1977.

634/Cal/77. RCA Corporation. Method of fabricating a semiconductor device.

635/Cal/77. Planning & Development Division, Fertilizer Corporation of India Limited. Process of obtaining sodium tripolyphosphate.

636/Cal/77. Mobil Oil Corporation. Isomerization of monocyclic alkyl aromatic hydrocarbons.

637/Cal/77. Nestle's Products Limited. Decaffeination process.

638/Cal/77. Varta Batterie Aktiengesellschaft. Galvanic primary cell.

639/Cal/77. Dr C. Otto & COMP, GMBH. Battery of horizontal coke ovens and method for operating the same.

1—97GI/77

640/Cal/77. G. D. Societa per Azioni. Conveyor for feeding portions of sheet material, particularly preshaped or punched pieces of cardboard and the like, to a user machine, particularly to a machine for packaging cigarettes into hinged lid packets.

641/Cal/77. G. D. Societa Per Azioni. Conveyor for feeding portions of sheet material, particularly preshaped or punched pieces of cardboard or the like, to a user machine, particularly a machine for packaging cigarettes into hinged lid packets.

642/Cal/77. G. D. Societa per Azioni. Device for folding sheet material, particularly preshaped or punched pieces of cardboard or the like for feeding to a machine for packaging cigarettes into hinged lid packets.

643/Cal/77. G. D. Societa Per Azioni. Conveying unit for feeding portions of sheet material, particularly preshaped or punched pieces of cardboard or the like to a user machine, particularly a machine for packaging cigarettes into hinged lid packets.

29th April, 1977.

644/Cal/77. Vereinigte Oesterreichische Eisen- UND Stahlwerke—Alpine Montan Aktiengesellschaft. Device for separating dust particles from an air stream.

645/Cal/77. Muszeripari Kutato Intezet. Procedure and circuit arrangement for a self-synchronizing sampling system.

646/Cal/77. J. Katz and S. J. Fogel. Method and apparatus for high volume distillation of liquids.

647/Cal/77. Union Carbide Corporation. Sterile connector for conduits.

648/Cal/77. Smith Kline & French Laboratories Limited. Pharmaceutical compositions. (May 14, 1976).

(489)

649/Cal/77. Freyssinet International (STUP). Couplers for prestressing tendons.

650/Cal/77. B. K. Daga. Cabinet for housing electrical equipment particularly for use in agricultural fields.

30th April, 1977.

651/Cal/77. Mobil Tyco Solar Energy Corporation. Cartridge and furnace for crystal growth.

2nd May, 1977.

652/Cal/77. OY E. Sarlin AB. Seal.

653/Cal/77. Monsanto Company. Derivatives of N-phosphonomethyl-glycine.

654/Cal/77. Carding Specialists (Canada) Limited. Improvements relating to carding engines. (May 3, 1976).

4th May, 1977.

655/Cal/77. I. A. Kolosov (2) J. E. Ivanvatox and V. N. Malinskaya. Method and apparatus for forming cermet electrodes for alkaline accumulators.

656/Cal/77. Laboratoire Roger Bellon S. A. Process for the preparation of 4-chloro-5-alkoxycarbonyl-2-methoxy-pyrimidines, and its application to the preparation of 6-ethoxycarbonyl-8-ethyl-2-methoxy-5-oxo-5, 8, dihydropyrido [-2, 3-d] pyrimidine.

657/Cal/77. C. M. Industries. New benzodiazepine derivatives. (May 5, 1976).

658/Cal/77. Machines Chambon. Rotary multi-colour printing machine.

659/Cal/77. UOP Inc. Hydrotreating asphaltene petroleum charge stocks.

660/Cal/77. Vereinigte Österreichische Eisen- UND Stahlwerke—Alpine Montan Aktiengesellschaft. Cutting machine. [Addition to No. 1485/Cal/76].

661/Cal/77. Proton A. G. Measuring electrode.

662/Cal/77. Energy Development Associates. Self generating halogen liquification in a secondary battery

663/Cal/77. Shih-Chen Hsu. Easy opening, frangible crown cap.

664/Cal/77. American Cyanamid Company. Novel method for the denitrosation of organic nitrosamines.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

12th April, 1977.

134/Bom/77. H. R. Vakil. An accessory to the ophthalmic surgical instrument claimed in the complete specification No. 139858.

135/Bom/77. A. L. Pastala. Improvements in or relating to cement plants.

136/Bom/77. P. S. Sawhney. The process of infilled concrete wall construction.

15th April, 1977.

137/Bom/77. Nautamix Patent A. G. Mixer. (March 2, 1977).

138/Bom/77. S. V. Paranjape. Inflatable crash helmet.

139/Bom/77. The Bank Note Press. Non-offset water wipable intaglio inks for printing on intaglio press fitted with short ink distribution system.

140/Bom/77. The Bank Note Press. Non-offset water wipable intaglio inks for printing on intaglio press fitted with short ink distribution system.

141/Bom/77. The Bank Note Press. Printing inks compounded of varnishes based on distilled cashew nut shell liquid.

142/Bom/77. P. S. Sawhney. A process of precasting box type precast concrete units.

16th April, 1977.

143/Bom/77. Hindustan Lever Limited. Improved method of treatment of saponified synthetic fatty acids.

20th April, 1977.

144/Bom/77. Dr. P. D. Patel. Electric hookah chilam.

21st April, 1977.

145/Bom/77. K. S. T. Narahary. An underwear garment and method of making same.

146/Bom/77. S. Bhushan, A. N. Pandey, B. R. Kaza and L. K. Srivastava. An electroluminescent voltmeter.

22nd April, 1977.

147/Bom/77. Y. P. Patil. Variable field permanent magnet.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH).

25th April, 1977.

78/Mas/77. M. S. Hanifa. Drawing and writing instrument.

27th April, 1977.

79/Mas/77. Narayana Prakash Saligram Rama Rao. Design and drawing of non-conventional high speed AC machine.

28th April, 1977.

80/Mas/77. Messrs. Daisy Products. Device of soother.

ALTERATION OF DATE

142137.	}	Ante-dated 1st August, 1974.
35/Cal/77.		
142138.	}	Ante-dated 1st August, 1974.
36/Cal/77.		

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patent Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 37C

142116.

Int. Cl.-B04b 3/00.

CONTINUOUSLY OPERATING CENTRIFUGE.

Applicant : BRAUNSCHEWIGISCHE MASCHINENBAU-ANSTALT, OF AM ALTEN BAHNHOF 5, 33 BRAUNSCHEWIG, FEDERAL REPUBLIC OF GERMANY.

Inventor : HELMUT SCHAPER.

Application No. 1752/Cal/74 filed August 5, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

10 Claims.

Continuously operating centrifuge for separating solids from a fluid mixture, particularly a sugar centrifuge, consisting of an upwardly conically widening drum with a dished feed member at the narrower end of the cone, with a supporting basket and with a covering screen which is supported on the said basket, on which cover screen the mixture which has been inwardly fed in the vicinity of the dished feed member passes, through successive feed zones, to the edge of the centrifuge and can be discharged on the basis of solids and run-off (molasses), characterised in that a second cover screen can be supported on the cover screen at a radial distance therefrom and substantially parallel thereto, the holes in the screen being appreciably wider than the holes of the screen lying thereunder.

CLASS 50Ea.

142117.

Int. Cl.-F25d 5/00.

COLD GAS REFRIGERATING APPARATUS.

Applicant : N. V. PHILIPS' GLOEILAMPENFABRIEKEN AT EMMASINGEL, EINDHOVEN, NETHERLANDS

Inventors : ANDRIES MIJNHEER AND ALBERT KLAAS DE JONGE.

Application No. 1948/Cal/74 filed August 29, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A refrigerator comprising a gas compression space of variable volume and higher mean temperature during operation which communicates with an expansion space of lower mean temperature during operation, the volume of the said expansion space being variable by a displacer which is reciprocable in a cylinder, the communication between the said spaces incorporating a regenerator through which a working medium can flow to and fro between the two spaces, characterized in that the communication between the said two spaces incorporates a second regenerator, connected parallel to the regenerator and formed by an annular gap between the displacer and the co-operating cylinder wall, at least one of the two facing surfaces of displacer and cylinder having a high thermal capacity with respect to the working medium flow through the gap during operation, the hydraulic diameter of the gap satisfying the relation;

$$0.4 \frac{d}{h} \leq \frac{d}{h} \leq 1.4 \frac{d}{h}$$

o o

where

$$d_{h_0} = 2.8 \sqrt[4]{\frac{5 \eta^2}{\rho \cdot \Delta p \cdot L}} \quad \text{in which}$$

d_h = hydraulic diameter of the gap

s = stroke length of the displacer

η = mean dynamic viscosity of the working medium in the gap

L = length of the gap

ρ = mean density of the working medium in the gap

Δp = mean pressure drop across the regenerator.

CLASS 57D & 58C.

142118.

Int. Cl.-E04g 11/22, 17/14, E06b 9/04, 9/172.

A TUNNEL TYPE SHUTTERING.

Applicant : OUTINORD ST AMAND, OF RUE FOUR-CEAUX, LA BRUYERE 59230 ST-AMAND LES EAUX, FRANCE.

Inventors : GUY BLONDE AND LOUIS LEFFBvre.

Application No. 2855/Cal/74 filed December 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A tunnel-type shuttering comprising a pair of opposing detachable half-shells each in the form of a right-angled direction each half-shell including a swingable horizontal panel and a vertical panel, said two panels of each half-shell being pivotally connected to each other along a horizontal joint, said horizontal panels having elongated distal edges disposed in opposing relation when the shuttering is assembled, said shuttering further including.

- (a) a clamping lock having its components disposed adjacent the distal edges of the horizontal panels, said clamping lock being operative to ensure that the opposing edges of the horizontal panels are flush with each other, when the shuttering is assembled.
- (b) axially adjustable braces connecting each horizontal panel to its vertical panel,
- (c) said braces each comprising pivotally connected, complementally interengageable frames and a locking device for maintaining the frames of the braces in coaxial alignment when the shuttering is assembled, said locking device being operable to unlock the frames and permit their pivotal separation during disassembly of the shuttering, and
- (d) axially adjustable horizontal bars removably fixed adjacent the bottoms of the vertical panels, said bars having means for modifying their length comprising
 1. fine adjustment means, and
 2. a rapidly actuated, reversible shortening means.

CLASS 33A.

142119.

Int. Cl.-B22d 13/10.

A MACHINE FOR CENTRIFUGALLY CASTING PIPES IN A ROTARY MOULD.

Applicant : PONT-A-MOUSSON S.A., OF 91 AVENUE DE LA LIBERATION 54 NANCY, FRANCE.

Inventors : PIERRE HENRI MARIE FORT AND MICHEL PIERREL.

Application No. 371/Cal/75 filed February 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A machine for centrifugally casting pipes in a rotary mould, said machine comprising a casting having a longitudinal axis and an end portion defining an opening giving access to an end of the mould, said casting being provided with a protective screen which is mounted to be telescopically slidable along the casing between a withdrawn inoperative position and a protecting position in which the screen axially projects beyond said opening of the casing and extends at least partly around said opening.

CLASS 179A & C.

142120.

Int. Cl.-B65b 7/28.

CLOSURE FOR CONTAINERS AND A METHOD FOR SECURING THE CLOSURE TO THE CONTAINER.

Applicant : ALBERT OBRIST AG., OF ROMERSTRASSE 83, 4153 REINACH, SWITZERLAND.

Inventor : DIETMAR AICHINGER.

Application No. 1427/Cal/75 filed July 22, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A closure for containers consisting of a cap having a downwardly depending band or skirt severable therefrom along a substantially annular predetermined tear line, at least the depending band being of heat deformable thermoplastic material, the depending band increasing in thickness downwardly from the predetermined tear line, the depending band after positioning of the cap on the container being heat deformable into shape-locking engagement with the container.

CLASS 62C- & C.

142121.

Int. Cl.-D06p 5/00.

PROCESS FOR COLOURING TEXTILE OR KNITTED OR NON-WOVEN MATERIALS.

Applicant : CIBA-GEIGY OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY-63, MAHARASHTRA STATE, INDIA, AN INDIAN SUBSIDIARY OF THE SWISS COMPANY CIBA-GEIGY LIMITED, BASLE, SWITZERLAND.

Inventor : DR. KESHAV VINAYAK DATYE.

Application No. 102/Bom/74 filed March 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

19 Claims.

A process for colouring thick textile, knitted or non-woven material, which process comprises passing hot inert gaseous material from one side of the thick textile, knitted or non-woven material, on which side is deposited a dyeing composition or near which side a dyeing composition is supported on a porous substrate, through the textile, knitted or non-woven material to the opposite side relative to the said side, so that the dyestuff in the dyeing composition is uniformly distributed and fixed through the thickness of the textile, knitted or non-woven material.

CLASS 129G.

142122.

Int. Cl.B23p 1/00.

IMPROVEMENTS IN DIELECTRIC SYSTEMS FOR ELECTRICAL DISCHARGE MACHINES.

Applicant : WG FORGE & ALLIED INDUSTRIES LIMITED, OF CENTRAL BANK BUILDING, MAHATMA GANDHI ROAD, BOMBAY-400001, MAHARASHTRA, INDIA.

Inventor : SHRI SATISH KUMAR MEHTA.

Application No. 194/Bom/75 filed July 16, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

16 Claims.

A dielectric system for an electrical discharge machine, of the spark erosion type, which comprises a work tank housing the eroding electrodes and the workpiece to be machined, said work tank being adapted to be filled to a desired level and maintained flushed with a continuous supply of fresh dielectric medium, a reservoir for fresh dielectric, primary feed

means connecting said reservoir to said work tank through the intermediary of a filtration unit whereby a constant supply of fresh filtered dielectric medium is delivered to the work tank thus maintaining it in constant flushed condition and causing ionised dielectric material to be deionised almost immediately, and means for automatically maintaining the dielectric medium in the tank at the desired level.

CLASS 129A.

142123.

Int. Cl.-B21d 31/04.

METAL EXPANDING MACHINE.

Applicant : COMALCO (J. & S.) PTY. LIMITED, OF 95 COLLINS STREET, MELBOURNE, STATE OF VICTORIA, COMMONWEALTH OF AUSTRALIA.

Inventors : HAROLD REX JURY AND RONALD MCKENZIE HOWELLS.

Application No. 1809/Cal/73 filed August 6, 1973.

Convention date August 24, 1972/(PBO197/72) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A metal expanding machine for the expanding of a workpiece (54) having spaced parallel edge portions (55), comprising :

a frame (21) having a longitudinal member (22) and bearers (23) extending transversely thereof,

a pair of spaced parallel workpiece tool supports (26) supported by the bearers and extending in a longitudinal direction,

workpiece engaging tools (61, 114) carried by respective said tool supports and arranged to engage the longitudinal edge portions of a workpiece having a web (56) between the edge portions (55) and a series of rows of slots (58) in the web, the slots of each row being staggered with respect to and overlapping the slots of at least one adjacent row,

power actuated means operatively coupling the tool supports and arranged upon actuation to increase the transverse distance between the tool supports thereby expanding a workpiece when its longitudinal edge portions are engaged by the tools, comprising

a first abutment member (34) and a first control member (33) operatively coupled to said power actuated means, one of the members being secured to the frame and the other secured to the tool support and respectively positioned so that at the end of said movement which increases the transverse distance between the tool support said power actuating means is reversed to reduce said transverse distance, and a second abutment member (38) co-operable with a second control member (37) respectively positioned so that after sufficient said reverse movement to relax tension in said expanded workpiece said reverse movement is terminated.

CLASS 190B & D.

142124.

Int. Cl.-F01d 5/00.

ROTATABLE ASSEMBLY FOR USE IN CENTRIFUGAL COMPRESSORS OR EXPANDERS.

Applicant : HOLSET ENGINEERING COMPANY, LIMITED, OF TURNBRIDGE, HUDDERSFIELD, ENGLAND.

Inventor : WILLIAM EDWARD WOOLLENWEBER.

Application No. 687/Cal/74 filed March 27, 1974.

Convention date April 6, 1973/(16521/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A rotatable assembly comprising a housing; a rotor rotatably mounted within said housing, said rotor having an axially extending sleeve portion provided with an axial bore and an external groove; a shaft rotatably mounted within said housing and having one end thereof disposed within said sleeve bore; a backing plate attached to the housing interior surface, said plate being provided with a stepped bore through which said rotor sleeve portion extends, said stepped bore having a large diameter portion and a small diameter portion, the latter forming a step located intermediate the sleeve external groove and the open end of the sleeve bore; seal means disposed within said sleeve external groove and encompassing said sleeve exterior and frictionally engaging the large diameter portion of said plate stepped bore, said seal means having greater wear-resistant characteristics than that of the sleeve portion defining said external groove accommodating said seal means, said seal means having one end face thereof subjected to pneumatic forces urging said seal means towards said step when said rotor is rotating; and thrust bearing means disposed intermediate said sleeve portion and an abutment on said shaft.

CLASS 15C.

142125.

Int. Cl.-F16c 13/00.

BEARING STRUCTURE.

Applicant : HOLSET ENGINEERING COMPANY, LIMITED, OF TURNBRIDGE, HUDDERSFIELD, ENGLAND.

Inventor : WILLIAM EDWARD WOOLLENWEBER.

Application No. 688/Cal/74 filed March 27, 1974.

Convention date April 6, 1973/(16522/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A bearing structure for a shouldered shaft (22) rotating at high speed and being subjected to thrust forces applied thereto in both directions, said structure comprising a stationary member (24) having a pair of longitudinally spaced journal sections (60, 62) adapted to surround portions of the shaft (22) and being disposed to one side of a shaft shoulder (36) adjacent end portions of said sections being provided with inwardly projecting bearing surfaces (66), the opposite end of one section (56) being disposed adjacent the shaft shoulder (36), and the opposite end of the other section being disposed adjacent a thrust collar (50), said stationary member (24) being provided with a passage (32) for a lubricant, said passage being in communication with each journal section (60, 62); and a pair of floating elongated sleeve bearings (56, 58) rotatably mounted within said journal sections, each sleeve bearing (56, 58) having an inner surface in proximity to and encompassing a shaft portion and an outer surface in proximity to an adjacent surface of a journal section (60, 62), each sleeve bearing (56, 58) being provided with a first port means (68) for the lubricant interconnecting the inner and outer surfaces thereof and being in communication with the lubricant passage (32), and a second port means (70) for the lubricant interconnecting the end faces of said sleeve bearing and being in communication with the lubricant passage (32), said sleeve bearings (56, 58) being rotatable with said shaft (22) but at a slower speed.

CLASS 32F₅c & 40F.

142126.

Int. Cl.-B01j 1/04, C07c 127/00.

PROCESS FOR REDUCING THE BIURET CONTENT IN UREA.

Applicant : GUANOS Y FERTILIZANTES DE MEXICO, S.A., OF AVENIDA INSURGENTES SUR NUM 1079, MEXICO 18, D.F.

Inventors : JOSE CABELLO FUENTES AND RAMON XUTGLA MARIN.

Application No. 1069/Cal/74 filed May 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process, which reduces any undesirable biuret content in urea, comprising containing urea containing 2.92 per cent or less on a dry weight basis of biuret, either in the molten state or in aqueous solution containing 1.0—99.9% by weight of urea, with an acid or basic ion exchange resin to give an urea with a lower amount of biuret.

CLASS 9D & F.

142127.

Int. Cl.-C22c 19/00.

PROCESS FOR PRODUCING NICKEL-BASE ALLOYS.

Applicant : CABOT CORPORATION, OF 125 HIGH STREET, BOSTON, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors : FRANK GAIEN HODGE, RUSSELL WILLIAM KIRCHNER AND WILLIAM L SILENCE.

Application No. 1074/Cal/74 filed May 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A process for producing a nickel base alloy having unusual corrosion resistance to both oxidizing and reducing environments in all of the annealed, welded and thermally aged conditions which comprises melting together metallic elements consisting essentially by weight of about 12% to 18% chromium, about 10% to 18% molybdenum, about 0 to 3% iron, about 0 to 7% tungsten, upto 0.5% manganese, less than 0.5% aluminum, 0.02% max. carbon, 0.08% max. silicon, less than 2% cobalt, upto 0.75% of a member selected from the group consisting of titanium, zirconium and hafnium, up to 0.75% of a member selected from the group consisting of vanadium and tantalum and the balance nickel with usual impurities in ordinary amounts, wherein the atomically averaged electron vacancy concentration number, (NV) is in the range of about 2.1 to about 2.4.

CLASS 43E & F & 146D,

142128.

Int. Cl.-G03b 21/00, 23/00.

IMPROVEMENTS IN OR RELATING TO CINEMATOGRAPH PROJECTORS.

Applicant : WESTREX COMPANY LIMITED, OF 152 COLES GREEN ROAD, CRICKLEWOOD, LONDON NW2 7HE, ENGLAND.

Inventors : LEROY GORDON OSBORN AND GEORGE HUNNAM BROWNLEE.

Application No. 1395/Cal/74 filed June 24, 1974.

Convention date June 25, 1974/(30015/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Cinematograph film projection apparatus including a projection gate having film marginal support surfaces provided at each side of the projection aperture and convexly curved towards the light source, further having a pair of flexible bands extending respectively over the said marginal support surfaces, for pressing film marginal areas onto the said support surfaces, the said flexible bands being anchored at their film-feed ends and tensioned at their film take-up ends.

CLASS 101B.

142129.

Int. Cl.-E04g 25/08, E02b 3/02.

A METHOD OF GROUTING AN OFFSHORE STRUCTURE.

Applicant : CHARLES NELSON SHIELDS, JR., OF 3303 MERCER, HOUSTON, TEXAS 77027, UNITED STATES OF AMERICA.

Inventor : MA BASSETT.

Application No. 1717/Cal/74 filed August 1, 1974.

Convention date November 29, 1973/(55513/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method of grouting an offshore structure having at least one supporting leg including a substantially vertically extending tubular jacket in the water and a piling in said jacket having an outside diameter smaller than the internal diameter of the jacket whereby a space is formed between the inside of the jacket and said piling; said space being closed at its upper end and open to the sea bed at its lower end, wherein said space initially has mud in at least the lower portion thereof, said method comprising the steps of flowing water down through said space and out the lower end to wash out the mud, expelling the water from the space via its lower end by the application of air pressure, flowing fluid grouting material down through said space to the lower end of the jacket while maintaining sufficient air pressure to prevent water from returning into the space, and permitting the grouting material to set.

CLASS 187E₉ & E₈.

142130.

Int. Cl.-H04r 19/00, 7/00.

IMPROVEMENTS IN OR RELATING TO ELECTRET CONSENSER MICROPHONES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, ROFI MARG, NEW DELHI-1, INDIA.

Inventors : PRABIR KUMAR CHAKRABORTY, MULK-RAJ KAPOOR, FATEH SINGH AND KASHINATH DADA-SHAHEB.

Application No. 2505/Cal/74 filed November 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

An electret condenser microphone comprising a metal casing on which are mounted a Teflon electret foil having one side metallised, a metal back plate with an insulated back plate holder whereby the said electret foil with metal back plate forms a parallel plate condenser characterised in that a circular groove is provided in the metal casing and a projected rib is provided in an insulated ring whereby when the said electret foil is placed in the metal casing and the insulated ring having project rib is also placed on the unmetallised side of the electret foil and a metal ring is tightened inside the metal casing the projected rib of the insulated ring goes in the circular groove along with the electret foil and when the metal ring is fully tightened, the electret foil is stretched at an uniform tension.

CLASS 148H.

142131.

Int. Cl.-G03g 5/02.

AN ELECTROPHOTOGRAPHIC MEMBER WITH SUBSTRATE MEANS.

Applicant : COULTER INFORMATION SYSTEMS, INC., OF 7 DE ANGELO DRIVE, BEDFORD, MASSACHUSETTS 01730, UNITED STATES OF AMERICA.

Inventor : MANFRED RUDOLF KUEHNLE.

Application No. 219/Cal/75 filed February 6, 1975.

Addition to No. 2663/Cal/73.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An electrophotographic member of the type including substrate means, a thin film coating of a wholly inorganic, r.f. sputtered photoconductive material on said substrate means,

said coating being very dense, microcrystalline, substantially transparent having a dark resistivity of at least 10^{12} ohm-centimetres and a ratio between dark and light resistivity of at least 10^4 , having the capability of accepting a rapid charge and retaining same to enable toning and being electrically anisotropic and a thin film layer of ohmic material sandwiched between the coating and substrate means for facilitating charging of said coating before exposure; bond enhancing means comprising an ultrathin film layer of a transparent wholly inorganic material between the ohmic layer and the substrate means.

CLASS 15D & 129G & 153.

142132.

Int. Cl.-B23p 17/00.

PROCESS FOR MAKING SECTIONALIZED PRECISION COMPONENTS.

Applicant : FEDERAL-MOGUL CORPORATION, OF 26555 NORTHWESTERN HIGHWAY, SOUTHFIELD, MICHIGAN 48075, UNITED STATES OF AMERICA

Inventor : ELI MOSHE LADIN.

Application No. 226/Cal/75 filed February 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

In a process for fabricating precision components of the type comprising a member which is of a sectionalized construction including a plurality of sections joined together in assembled condition at an interface defined by a respective parting surface of each section, the steps of forming a plurality of sections having a shape and size such that the assembly thereof at the parting surface of each section substantially defines the sectionalized member, applying a thin film of adhesive to at least one said parting surface at each interface, adhesively securing said sections together at the interface defined by the respective parting surface of each section into a bonded assembly in which the sections are disposed in an assembled relationship corresponding to their ultimate operating disposition, finishing at least some of the surfaces of said bonded assembly including a surface incorporating an exposed edge of said interface to the desired final dimensions and surface finish, and thereafter cleaving said bonded assembly and separating the mated finished said sections.

CLASS 107H.

142133.

Int. Cl.-F02m 41/16.

FUEL PUMP.

Applicant : STANADYNE INC., OF 92 DEERFIELD ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : LEONARD NEWTON BAXTER.

Application No. 324/Cal/75 filed February 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A fuel pump for an internal combustion engine with a housing having inlet and outlet passages, a fuel distributing rotor journaled in a bore in the housing and having an inlet port and an outlet port which communicate alternately with said inlet and outlet passages during the rotation of said rotor to permit alternate admission and discharge of fuel, plungers, slidably mounted in radial passages of said rotor to sequentially pressurize charges of fuel for delivery through said outlet passages, a cam ring surrounding said rotor in the plane of revolution of said plungers and having an inwardly directed contour formed by cam lobes, roller shoes engageable with the ends of said plungers mounting rollers which act as cam followers for translating the cam contour into reciprocal movement of the plungers, and a pair of cone rings having generally conical inner surfaces engageable with each end of the rollers for regulating the outward movement of the plungers thereby to control the quantity of fuel to be injected

per pumping stroke, one of said cone rings being mounted for axial movement relative to the other to adjust the axial spacing therebetween and thereby adjust the outward movement of the rollers.

CLASS 47D

142134.

Int. Cl.-C10b 1/10.

A PROCESS OF AND APPARATUS FOR GASIFYING SOLID FUELS, PARTICULARLY COAL.

Applicant: METALLGESELLSCHAFT A.G., OF 16 FRANKFURT A. M. REUTERWEG 14, WEST GERMANY.

Inventors: PAUL RUDOLPH, HERBERT BIERBACH, HANS KUPFER, CARL HAFKE AND RUDOLF KOHLEN.

Application No. 831/Cal/76 filed May 11, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process of and apparatus for gasifying solid fuels, particularly coal, in a packed bed by a treatment with gasifying agents comprising free oxygen-containing gases and water vapour, under a pressure of 5-100 bars, comprising a water-cooled reactor housing, a fuel distributor which is rotatable on a vertical axis, a rotatable stirrer, which is disposed in the fuel bed in the upper portion of the reactor, and gasifying agent inlet openings in the lower portions of the reactor, characterized in that the stirrer and the distributor are adapted to be rotated independently of each other by first and second drive means, respectively.

CLASS 25A.

142135.

Int. Cl.-F04b 1/00, E04b 2/00.

THE PROCESS OF WALL AND ROOF CONSTRUCTION BY CONICAL HOLLOW CLAY BLOCKS IN CONCRETE.

Applicant & Inventor: PRITIPAL SINGH SAWHNEY, POLYTECHNIC CAMPUS, NANDED-431602 (MAHARASHTRA STATE), INDIA.

Application No. 441/Bom/74 filed December 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A process of wall and/or roof construction by embedding conical hollow clay blocks in concrete, in single or multiple rows such that their big diameters rest on beams, in any formation, such that the centres of the blocks are in one line or the same are staggered, by using centering or even without it, and the subsequent blocks fit amongst themselves in a telescopic manner, leaving a cavity in the body of the wall and/or roof with reinforcement and/or prestressing, as and when required.

CLASS 32F, & F2b.

142136.

Int. Cl.-C07d 27/00.

PROCESS FOR THE PREPARATION OF 2-AMINO-3-CARBALKOXY-1-N-HYDROXY INDOLES.

Applicant: HOECHST PHARMACEUTICALS LIMITED, OF HOECHST HOUSE, NARIMON POINT, 193, BACKBAY RECLAMATION, BOMBAY-400021, (FORMERLY OF DUGAL HOUSE BACKBAY RECLAMATION, BOMBAY-20 AND RAMAN HOUSE, BACKBAY RECLAMATION, BOMBAY-20, MAHARASHTRA, INDIA.

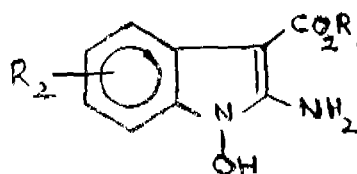
Inventors: DR. KISHAN LAL MUNSHI, AND DR. NOEL JOHN DESOUZA.

Application No. 107/Bom/75 filed April 16, 1975.

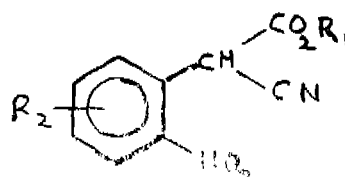
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

A process for the preparation of compounds of general formula I.

5 Claims.



wherein R¹ stands for an alkyl radical of not more than 6 carbon atoms for example the methyl, ethyl, n-propyl, iso-propyl radical, R^a stands for hydrogen or for halogen atoms, for example fluorine, chlorine and bromine atoms; alkyl, alkoxy and alkylthio radicals of not more than 4 carbon atoms, for example methyl, ethyl, isopropyl, n-butyl, t-butyl, methoxy, ethoxy, n-propoxy, isopropoxy, n-butoxy, isobutoxy and methylthio radicals; halogenoalkyl and halogenoalkoxy radicals for example trifluoromethyl and trifluoromethoxy radicals; alkylamino radicals for example methylamino and dimethylamino radicals; acylamino radicals for example the acetylamino radical; nitro, cyano, hydroxy, amino carboxyl and sulfonic acid groups, which comprises effecting reductive cyclization of o-nitrophenylcyanoacetic esters of the formula II.



wherein R¹ and R^a are as defined above in a known manner such as herein described.

CLASS 101B.

142137.

Int. Cl.-E04g 25/08, E02b 3/02.

A METHOD OF GROUTING AN OFFSHORE STRUCTURE.

Applicant & Inventor: CHARLES NEISON SHIELDS, JR., OF 3303 MERCER, HOUSTON, TEXAS 77027, UNITED STATES OF AMERICA.

Application No. 35/Cal/77 filed January 12, 1977.

Convention date November 29, 1973/(55513/73) U.K.

Division of Application No. 1717/Cal/74 filed August 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A method of grouting an offshore structure having at least one supporting leg including a tubular jacket extending downwardly to the sea bed and a piling driven through said jacket into the sea bed with a space existing between the inside of the jacket and said piling, said space being closed at its upper end and open to the sea bed at its lower end, said method comprising the steps of applying air under pressure to said space to force out mud and water from said space, flowing into the space a plug of quick-setting grouting material, maintaining air pressure on said plug of quick-setting grouting material until it sets, releasing the air pressure, and flowing additional grouting material into the space.

CLASS 101B.

142138.

Int. Cl.-E04g 25/08, E02b 3/02.

A METHOD OF GROUTING AN OFFSHORE STRUCTURE.

Applicant & Inventor: CHARLES NEISON SHIELDS, JR., OF 3303 MERCER, HOUSTON, TEXAS 77027, UNITED STATES OF AMERICA.

Application No. 36/Cal/77 filed January 12, 1977.

Convention date November 29, 1973/(55513/73) U.K.

Division of Application No. 1717/Cal/74 filed August 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A method of grouting an offshore structure having at least one supporting leg including a tubular jacket extending downwardly to the sea bed and a piling driven through said jacket into the sea bed with a space existing between the inside of the jacket and said piling, said space being closed at its upper end and open to the sea bed at its lower end, said method comprising the steps of applying air under pressure to said space to force out water from said space, flowing grouting material to the lower end of said space, bleeding off the air while continuing to flow grouting material into the space until a hydrostatic balance is reached between the grouting material and the over lying head of the sea water, and allowing the grouting material to set.

CLASS 186 & 206.

142139.

Int. Cl.-H04n 7/00.

SYSTEM FOR T. V. PROGRAMME BROADCASTING FROM A PRIMARY FREQUENCY—MODULATED TRANSMITTER.

Applicant: LABORATOIRE GENERAL DES TELECOMMUNICATIONS, OF 16, RUE DE MOULIN-DES-BRUYFRES, 92404, COURBEVOIE, FRANCE.

Inventor: HENRI CHEMIN.

Application No. 1236/Cal/74 filed June 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A primary transmitter for transmitting television programmes of at least one channel, to be received by receiver secondary transmitters and retransmitted by the latter to domestic receivers, the standards of said one channel including the transmission of a carrier at the frequency F_0 linearly amplitude modulated, with vestigial lower sideband, by a video frequency image signal, and of a carrier at the frequency $F_0 + E$ modulated by a sound signal, said transmitter comprising a circuit for generating a composite signal comprising a modulated image signal resulting from a pre-emphasizing after linear amplitude modulation, with vestigial lower sideband, by a video frequency signal, of a carrier at the frequency F_0 , being of the order of magnitude of the width of said vestigial sideband, and a modulated sound signal having a carrier frequency equal to $f_0 + E$; means for generating a wave linearly frequency-modulated by said composite signal; and means for transmitting said wave.

CLASS 40F & 89 & 105C & D.

142140.

Int. Cl.-G01l 7/00, 9/00, 23/00.

PRESSURE GAUGE FOR CORROSIVE MEDIA.

Applicant: GOŠUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT TEPI OENERGETICHESKOGO PRIBOROSTROENIA, PROSPEKT MIRA, 95 MOSCOW, USSR.

Inventor: ALBERT YAKOVLEVICH JUROVSKY, JURY MARKOVICH BRODKIN, GENNADY SAMUILOVICH ZELENKO, OLGA IVANOVNA DMITROCHENKO, VLADIMIR ADALBERTOVICH RAZIN AND ARKADY MOISEVICH LIPSHITS.

Application No. 1318/Cal/74 filed June 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A pressure gauge for corrosive media comprising a composite housing divided by a disc like base into two isolated chambers, the disc being fitted pressure tight at a certain distance from its face with a diaphragm membrane made of corrosion resistance material as defined herein, leaving a hollow space inbetween the base and the diaphragm, the said diaphragm and the housing forming the first chamber into which pressure of the corrosive media is applicable on the diaphragm membrane through a hole of the housing whereas the second chamber is formed by a flexible pressure sensitive bellow secured to the other side of the base opposite to the diaphragm, by a hole in the base and by a hollow space between the base and the diaphragm; the said second chamber being filled up with liquid; the bellow interacting with a lever linkage which transforms the force of the flexible bellow into known pneumatic or electric signal; the said lever linkage essentially consisting of a lever one end of which is fitted to the face surface of the said bellow and other end projects out of the housing, the lever being hermetically fitted to the housing rear its central portion through sealing membrane and supported by means of pair of flexible rod to provide oscillating motion to the lever, the projected end of the lever being subjected to counter opposed moments of forces depending upon the pressure of the corrosive media.

CLASS 63 B.

142141.

Int. Cl.-H02k 5/00, 3/00, 1/00.

METHOD OF MANUFACTURING STATOR ASSEMBLIES FOR DYNAMO ELECTRIC MACHINES.

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Inventor: ROY PRICE BOWCOTT.

Application No. 1416/Cal/74 filed June 26, 1974.

Convention date July 25, 1973/(35431/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A method of manufacturing a stator assembly, for a dynamo electric machine, of the kind including a hollow cylindrical yoke carrying a pole member on its inner cylindrical surface, the method comprising starting with a pole member having upstanding therefrom an integral spigot and a yoke member the wall of which includes a through bore of larger diameter than said spigot, performing a deforming operation on the yoke at the outer end of the bore to enlarge the diameter of the outer end of the bore and at the same time reduce the diameter of the bore intermediate its ends to that of said spigot, inserting said spigot through said bore from the inner end thereof so that the pole member lies against the inner cylindrical surface of the yoke, and deforming the free end of the spigot to produce a rivet head occupying the outer, enlarged region of the bore, and so secure the pole member to the yoke.

CLASS 103.

142142.

Int. Cl.-C23f 11/00, 15/00, F16l 58/00.

IMPROVEMENTS IN OR RELATING TO INHIBITION OF CORROSION OF STEEL IN COOLING WATER SYSTEMS.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: DR. NARAYANASWAMI SUBRAMANYAN, KRISHNASWAMI BALAKRISHNAN, BHAGAVATHI SATHIANANDHAM, AND MAHADEVA IYER KRISHNAN.

Application No. 1532/Cal/74 filed July 9, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawings.

A composition for inhibition of corrosion of steel in cooling water system comprising a combination of silicate, aliphatic amines lime cyclohexylamine and triethanolamine and salts of polycarboxylic organic acids like citric acid with or without benzotriazole in the concentration ranges of amine 50 to 250 ppm, silicate 250 to 500 ppm and citrate 250 to 500 ppm.

CLASS 206E.

142143.

Int. Cl.-H011 1/00, 19/00.

PROTECTIVE DIODE NETWORK FOR MOS DEVICES.

Applicant: RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

Inventor: OTTO HEINRICH SCHADE, JR.

Application No. 202/Cal/75 filed February 3, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A semiconductor circuit comprising two field effect transistors each having source drain and gate electrodes with the source electrodes of the two transistors connected to a first common point and with protection diodes arranged to prevent excessive voltage between the gate electrodes of the two transistors and between the gate and source electrodes of each transistor wherein said diodes are three in number connected between a second common point and, respectively, the gate electrodes of the two transistors and the first common point connected to their source electrodes, the three diodes having the same polarity of connection relatively to the second common point.

CLASS 14A₂.

142144.

Int. Cl.-H01m 13/00.

IMPROVEMENTS IN OR RELATING TO SODIUM SULPHUR CELLS.

Applicant: THE ELECTRICITY COUNCIL, OF 30 MILLBANK, LONDON, SW1P 4RD, ENGLAND.

Inventors: IVOR WYNN JONES, GRAHAM ROBINSON AND THOMAS LEWIS BIRD.

Application No. 262/Cal/75 filed February 12, 1975.

Convention date February 15, 1974/(7006/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A sodium sulphur cell wherein a current collector in contact with the cathodic reactant is formed of an impermeable carbon or graphite tube containing a deformable electronic conductor extending over and in contact with the internal surface of the tube.

CLASS 24B.

142145.

Int. Cl.-F16d 55/00.

IMPROVEMENTS IN VEHICLE DISC BRAKES.

Applicant: GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, WEST MIDLANDS, ENGLAND.

Inventors: DAVID WILLIAM GEE, HORST WILLI KLASSEN AND HEINRICH BERNARD RATH.

Application No. 564/Cal/75 filed March 20, 1975.

2—97G1/77

Convention date April 2, 1974/(14469/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A vehicle disc brake comprising a carrier member for fixing to a vehicle, a caliper member slidably connected to the carrier member, and an actuator for urging a first friction pad onto one side of a rotatable disc to cause the caliper member to slide relative to the carrier member and apply a second friction pad to the other side of the disc, the sliding connection between the caliper member and carrier member comprising a pair of pins slidable in one of the members and secured to the other of the members, at least one of the pins being received in an oversized opening in said one of said members and being resiliently biased onto an eccentric position within the oversized opening into direct sliding engagement with the wall of the oversized opening.

CLASS 32A, & F₀ & F₅.

142146.

Int. Cl.-C095 55/00.

PROCESS FOR PREPARING MIXTURES OF DISAZO METHINE AND MONOAZO METHINE COMPOUNDS.

Applicant: HOECHST AKTIENGESellschaft, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor: THEODOR PAPENFUHS.

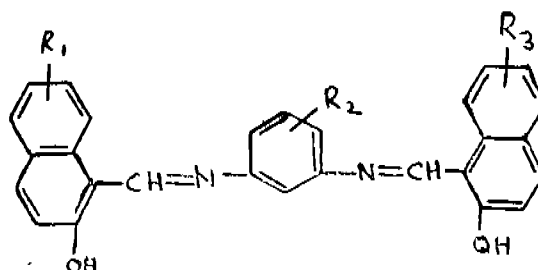
Application No. 606/Cal/75 filed March, 25, 1975.

Addition to No. 199/Cal/74.

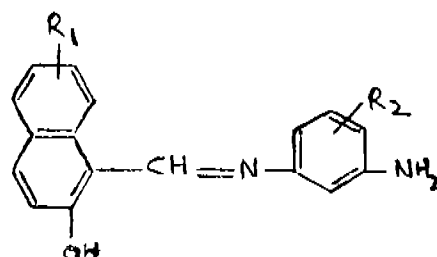
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Process for preparing mixtures of water-insoluble disazo-methine compounds of the formula (Ia).

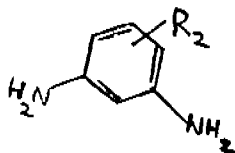


and water insoluble monoazomethine compounds of the formula (Ib).

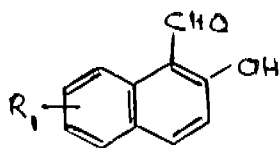


in which R₁, R₂ and R₃ may be the same or different and each stands for a hydrogen atom and non-ionic substituent such as halogen atom, for example chlorine or bromine atoms, lower alkyl groups, for example methyl, ethyl, or propyl groups, lower alkoxy groups, for example methoxy ethoxy or propoxy groups cyano group, nitro group, lower alkyl or aryl-sulfone, especially phenylsulfone groups, carboxylic acid ester,

especially lower carboalkoxy groups having 1 to 4 carbon atoms or optionally substituted sulfonic acid amide or carboxylic acid amide groups, especially mono- or di- (lower alkyl having 1 to 4 carbon atoms) amides which comprises reacting 1.5 mole of one or more amines of the formula (II).



where R_2 is defined as above with 2 mols of one or more aldehydes of the formula (III).



wherein R_1 is defined as above in a neutral or acidic aqueous, aqueous-organic or organic medium.

CLASS 71B & 149F.

142147.

Int. Cl.-E02d 17/08, E02d 11/00.

SHEETING ARRANGEMENT FOR CANAIS AND LIKE PURPOSES.

Applicant & Inventor : JOSEF KRINGS, OF D 5138 HEINSBERG OBERBRUCH, HANS-BOCKLER-STRASSE 23, GERMAN FEDERAL REPUBLIC.

Application No. 1461/Cal/75 filed July 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A sheeting arrangement comprising a frame including a plurality of spaced horizontal rigid frame members, vertical frame members secured to at least certain of said horizontal frame members; and facing sheets secured to opposite faces of said frame; said frame additionally including tubular vertical frame members extending through said horizontal frame members and secured thereto, at least upper ends of said tubular frame members being open and accessible.

CLASS 128G & 143D.

142148.

Int. Cl.-B65d 83/00, 85/00.

A DISPENSER.

Applicant : PACLENE COMPANY LIMITED, OF GORT ROAD, ENNIS, COUNTY CLARE, REPUBLIC OF IRELAND.

Inventor : VERNON GERALD RALPH DIXON.

Application No. 126/Cal/76 filed January 22, 1976.

Convention date January 23, 1975/(2954/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A dispenser for dispensing a material in strip or sheet form from a roll thereof, said dispenser comprising :

a receptacle in the form of a box,

a lid hinged to said box at one side overlying the top of said box and forming an elongated gap between a lower edge of the lid opposite the hinged side of said lid and an upper edge of the boxed sidewall on the same side as the lower edge of said lid, said upper edge of said sidewall of said box terminating in an outturned flange which underlies the lower

edge of said lid and defining a severing device on the outer edge of said flange and extending outwardly therefrom such that the free end of the roll of material extends from the receptacle through said elongated gap, said lower edge of said lid and said flange defining holding means for said material; whereby, pivoting of said hinged lid causes said material to be pressed against the outturned flange to securely hold the material during severing of a portion thereof to allow the severing device to operate irrespective of the quantity of material on the roll.

CLASS 32F.b.

142149.

Int. Cl.-C07d 41/06.

A PROCESS FOR RECOVERY OF CAPROLACTAM.

Applicant : MODIPON LTD., OF MODINAGAR, (U.P.), INDIA.

Inventor : NERLA KANTE KRISHNAMURTHY BHEEMA RAO.

Application No. 368/Cal/76 filed February 28, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims. No drawings.

A process for the recovery of caprolactam from contaminated synthetic fibres wastes which comprises in separating the nylon-6 waster from other contaminants, said step of separation consisting in the steps of dissolution of nylon-6 in an acid consisting of sulphuric or hydrochloric acid having a concentration and a temperature such that nylon-6 is only dissolved, precipitating by dilution the same therefrom, washing and drying said precipitate to remove any adhering dissolving agent, and thereafter subjecting the dried precipitate to the known steps of depolymerization, refining, concentration, distillation and purification.

CLASS 32F.b.

142150.

Int. Cl.-C07d 41/06.

A PROCESS FOR RECOVERY OF CAPROLACTAM.

Applicant : MODIPON LTD., OF MODINAGAR, (U.P.) INDIA.

Inventor : NERLA KANTE KRISHNAMURTHY BHEEMA RAO.

Application No. 369/Cal/76 filed February 28, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims. No drawings.

A process for the recovery of caprolactam from contaminated synthetic fibre wastes which comprises in separating the nylon-6 waste from other contaminants, said step of separation consisting in the steps of dissolution of nylon-6 in sulphuric or hydrochloric acid having a concentration and a temperature such that nylon-6 is only dissolved therefor and precipitating by dilution the same therefrom, washing and drying said precipitate to remove any adhering dissolving agent, subjecting the dried precipitate to the known steps of depolymerization refining, concentration and distillation, said step of refining including the step of treatment with absorbant charcoal, if necessary, subjecting the distilled solution to the step of purification and which consists of a two stage crystallization steps and wherein :

the first stage comprises :

- (a) adding to the solution caprolactam crystals from the second stage crystallization at a temperature of about 69° to 80°C;
- (b) bringing down the temperature of said heated solution to effect crystallization;

- (c) separating the said crystallized caprolactam by centrifuging the product of step (b) at temperature of approximately 65°C in an inert atmosphere; and

- (d) recovering the crystals as pure product;

the second stage of crystallization being followed which comprises :

- (a) solidifying 25 to 40 parts by weight of the mother liquor to obtain solid lactam;
- (b) adding the solid lactam of step (a) to the remainder 60 to 75 parts of the mother liquor and subjecting the same to the step of crystallization, in a manner similar to the said first stage of crystallization, but at a temperature depending upon the concentration of impurities in the mother liquor to obtain additional crystals of caprolactam and a further mother liquor;
- (c) recycling the caprolactam crystals obtained as above to the said first stage of crystallization;
- (d) recycling the mother liquor to the step of refining.

CLASS 32F_ab.

142151.

Int. Cl.-C07d 41/06.

A PROCESS FOR RECOVERY OF CAPROLACTAM.

Applicant : MODIPON LTD., OF MODINAGAR. (U.P.) INDIA.

Inventor : NERLA KANTE KRISHNAMURTHY BHEEMA RAO.

Application No. 370/Cal/76 filed February 28, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims. No drawings.

A process for the recovery of caprolactam from contaminated synthetic fibre wastes which comprises in separating the nylon-6 waste from other contaminants, said step of separation consisting in the steps of dissolution of nylon-6 in a solution of sulphuric or hydrochloric acid having a concentration and a temperature such that nylon-6 is only dissolved, precipitating by dilution the same therefrom washing and drying said precipitate to remove any adhering dissolving agent, subjecting the dried precipitate to the known steps of depolymerization refining, concentration and distillation, said step or refining including the steps of treatment with absorbent charcoal, if necessary, subjecting the distilled solution to the step of purification and which consists of a two stage solution to the step of purification and which consists of a two stage solution crystallization and wherein :

the first stage comprises :

- (a) maintaining caprolactam at the distillation temperature and adding thereto crystals from the second stage;
- (b) preparing a melt consisting of 95 parts by weight of lactam and 5 parts by weight of water;
- (c) bringing down the temperature of said heated solution to effect crystallization;
- (d) separating the said crystallized caprolactam by centrifuging the product of step (b); and
- (e) recovering the crystals as pure product;

the second stage of crystallization being then followed which comprises :

- (a) concentrating the mother liquor obtained at the end of first stage of crystallization to obtain 95% of lactam and to which 5 parts by weight of lactam is added and subjecting the same to a second stage of crystallization in a manner similar to the said first stage of crystallization but at a temperature depending upon the concentration of impurities in the mother liquor to obtain additional crystals of caprolactam and a further mother liquor;

- (b) recycling the caprolactam crystals obtained as above to the said first stage of crystallization;

- (c) recycling the mother liquor to the steps of refining.

CLASS 32D.

142152.

Int. Cl.-C07f 7/00.

IMPROVEMENTS RELATING TO METHOD OF MANUFACTURING HEAVY METAL STYPHNATES.

Applicant : IMPERIAL METAL INDUSTRIES (KYNOCH) LIMITED, OF KYNOCH WORKS, WITTON, BIRMINGHAM B6 7BA, WARWICKSHIRE, ENGLAND.

Inventors : JOHN FRANCIS HOBBS AND WILLIAM MELVILLE.

Application No. 2444/Cal/73 filed November 6, 1973.

Convention date November 9, 1972/(51680/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A method of manufacturing a heavy metal styphnate comprising continuously flowing solutions of a trinitro resorcinolate and a heavy metal salt into a reaction vessel, continuously agitating the contents of the reaction vessel, flowing the contents of the reaction vessel through a plurality of chambers connected in series, to an outlet, and within each chamber continuously agitating the contents of that chamber.

CLASS 80-I & 182A & C & D.

142153.

Int. Cl.-C13d 3/00.

A METHOD AND APPARATUS FOR CLARIFICATION OF CANE JUICES IN THE MANUFACTURE OF PLANTATION SUGAR ADOPTING THE DOUBLE CARBONATION PROCESS.

Applicant : THE TRIVENI ENGINEERING WORKS LTD., OF JEEVAN TARA BUILDING, GATE NO. 4, 1ST FLOOR, 5, PARLIAMENT STREET, NEW DELHI-110001, INDIA.

Inventor : VIRENDRA CHANDER SRIVASTAVA.

Application No. 29/Cal/74 filed January 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

9 Claims.

In a known process for the manufacture of sugar by the conventional double carbonation process comprising the steps of heating the raw juice and subjecting it to a treatment with milk of lime and carbon-di-oxide gas with a required pH and lime content followed by subjecting the treated juice to a step of heating in a double carbonation process followed by subjecting so carbonated juice to a step of clarification, the improvement, which comprises carrying out the clarification step by filtering the carbonated juice through a bag filter, passing the overflow from the bag filter as clarified juice for further steps of sugar manufacture and subjecting the underflow from the bag filter to a second filtration in a rotary drum vacuum filter through a purge tank, collecting the filtrate from the said vacuum filter as additional clarified juice and passing the same for further steps of sugar manufacture.

CLASS 182D.

142154.

Int. Cl.-C13d 3/00.

A PROCESS AND APPARATUS FOR CLARIFICATION OF CANE JUICES IN THE MANUFACTURE OF PLANTATION SUGAR USING THE DOUBLE SULPHITATION PROCESS.

Applicant : THE TRIVENI ENGINEERING WORKS LTD., OF JEEVA TARA BUILDING, GATE NO. 4, 1ST FLOOR, 5, PARLIAMENT STREET, NEW DELHI-110001, INDIA.

Inventor : VIRENDRA CHANDER SRIVASTAVA.

Application No. 30/Cal/74 filed January 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

In a known process for the manufacture of sugar by the conventional double sulphitation process comprising the steps of heating the raw juice and subjecting it to a treatment with milk of lime and sulphur-di-oxide gas with a required pH and lime content followed by subjecting the treated juice to a step of heating in a double sulphitation process followed by subjecting the so sulphatised juice to a step of clarification, the improvement, which comprises carrying out the clarification step by filtering the sulphatised juice through a bag filter, passing the overflow from the bag filter as clarified juice for further steps of sugar manufacture and subjecting the underflow from the bag filter to a second filtration in a rotary drum vacuum filter through a purge tank, collecting the filtrate from the said vacuum filter as additional clarified juice and passing the same for further steps of sugar manufacture.

CLASS 148B.

142155.

Int. Cl.-G03c 9/00.

PHOTOGRAPHIC CAMERA FOR PHOTOGRAPHING IN THREE DIMENSIONS.

Applicant & Inventor : MICHAEL JOHN XAVIER, AT D-24, DEFENCE COLONY, NEW DELHI-24, INDIA.

Application No. 725/Cal/75 filed April 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

15 Claims.

A photographic camera adapted to photograph an object or scene in three dimensions comprising a camera housing having a view finder and a take on and take off rollers for a traverse of a film within said housing, a pair of lenses slidable in lense holder and displaceable in a vertical plane, a reflecting system or systems disposed within said housing, an image selective member also disposed within said housing and provided such as to receive the images from said reflecting system, a first means for providing a vertical linear movement of said lenses in synchronism with the shutter movement, a second means for providing a linear movement of said selective member, and as associated means provided between said first and second means and such that said selective member is adapted to receive a linear movement in synchronization with the linear movement of the said lenses.

CLASS 148B.

142156.

Int. Cl.-G03c 9/00.

PHOTOGRAPHIC CAMERA FOR THREE DIMENSIONAL PHOTOGRAPHY.

Applicant & Inventor : MICHAEL JOHN XAVIER, AT D-24, DEFENCE COLONY, NEW DELHI-24, INDIA.

Application No. 726/Cal/74 filed April 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A photographic camera adapted to photograph an object or scene in three dimensions comprising a camera housing having a view finder and a take on and take off rollers for the traverse of a film within said housing, a first and second objective lense provided in synchronous within said housing, a reflecting system or systems disposed within said housing and such as to reflect and deflect the images projected by each of said lense, an image selective member disposed within said housing characterized in a first means for applying a pressure to said film against the selective member and a second means for locking the film with said selective member during exposure of the film when photographing the object or scene.

CLASS 148B.

142157.

Int. Cl.-G03c 9/00.

PHOTOGRAPHIC CAMERA FOR THREE DIMENSIONAL PHOTOGRAPHY.

Applicant & Inventor : MICHAEL JOHN XAVIER, AT D-24, DEFENCE COLONY, NEW DELHI-24, INDIA.

Application No. 727/Cal/74 filed April 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A camera adapted to photograph an object or scene in three dimensions comprising a camera housing having a view finder and a take on and take off roller for the traverse of a film within said housing, a first and second objective lense provided in synchronous within said housing, a reflecting system provided with said housing and such as to reflect and deflect the images projected by each of said lenses, an image selective member disposed within said housing, said reflecting system consisting of a pair of mirrors and at least one prism characterized in a first means for providing a linear horizontal displacement of the mirrors and a second means for providing an angular displacement of the mirrors.

CLASS 128E.

142158.

Int. Cl.-A61h 31/00.

VENOUS FLOW STIMULATOR.

Applicant : INDIAN OXYGEN LIMITED, OF 'OXYGEN HOUSE', P-34, TARATALA ROAD, CALCUTTA-53, WEST BENGAL, INDIA.

Inventor : JOHN ALAN MCGRATH.

Application No. 1183/Cal/74 filed May 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

An apparatus for stimulating venous blood flow in the legs of patients undergoing surgery, including a supply valve operative to control the supply of gas at the desired pressure to the operating space in at least one double-walled pneumatic boot positioned on a patient's leg; means responsive to the gas pressure in the or each operating space for closing the supply valve when the pressure reaches a chosen maximum value; a timer adapted to produce a series of successive set and reset pulses, and an inlet valve, controlled by the timer, for supplying gas to the supply valve upon receipt of a set pulse, and for discontinuing the supply of gas upon receipt of a reset pulse.

CLASS 152C.

142159.

Int. Cl.-C08f 29/00.

A CROSS LINKABLE COMPOSITION.

Applicant : SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : DR. WOLFGANG KLEEGER (2) DR. HELMUT AHNE AND DR. FUDOLF WIEDEMANN.

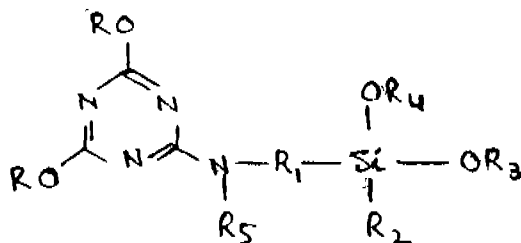
Application No. 1830/Cal/74 filed August, 14, 1974.

Convention date January 23, 1974/(3233/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A crosslinkable composition comprising a thermosetting or thermoplastic resin and 0.1 to 80% by weight of a triazine derivative having the general formula (2).



in which R is an alkenyl group R₁ is a divalent aliphatic or aliphatic aromatic group R₂ is an aliphatic group consisting of carbon and hydrogen atoms and optionally containing at least one -O-group and/or at least one -NH- group, an acetoxy group, an aryl group or a heteroaryl group; R₃ and R₄ are the same or different and each is an aliphatic group consisting of carbon and hydrogen atoms and optionally containing at least one -O-group and/or at least one -NH- group; R₅ is a hydrogen atom, or R₁, R₂ and the N atom together form a cyclic N-containing ring.

CLASS 136E & 143D.

142160.

Int. Cl.-B29c 3/00, B65d 65/38.

PACKING MATERIAL FOR AUTOMOBILE BATTERIES.

Applicant & Inventor: NANUBHAI TRIKAMAJI KOT-HARI, OF 111, CHITTARANJAN AVENUE, CALCUTTA-12, STATE OF WEST BENGAL, INDIA.

Application No. 2315/Cal/74 filed October 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A packing material for use in positioning the plates in an automobile battery comprising a hollow frame formed to the required shape and size, said frame having supporting ribs or supporting members to retain the frame members in position and wherein the frame and the supporting ribs are formed of a plastic material.

CLASS 32F.

142161.

Int. Cl.-C07c 31/04, 31/06.

PROCESS OF PRODUCING METHANOL.

Applicant: METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF 16, FRANKFURT A.M., REUTERWEG 14, WEST GERMANY.

Inventors: FRIEDEMANN MARSCHNER, EMIL SUPP AND GUNTER POCKRANDT.

Application No. 2584/Cal/74 filed November 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for producing methanol in which coal is gasified by a treatment with water vapor and oxygen at a temperature of from 1200 to 1600°C, the resulting gas is cooled and is scrubbed with an organic solvent such as methanol, toluene or xylene to remove impurities from the gas, the carbon oxides contained in the gas are catalytically reacted over a catalyst containing copper, zinc and vanadium with hydrogen to form methanol, and the methanol is separated by conventional method, characterized in that the residual gas left after the separation of the methanol is subjected to a catalytic cracking treatment over a nickel containing catalyst

with water vapor under a pressure of 5-50 bars preferably 10-30 bars and at a temperature of 500-900°C, preferably 700-850°C to form hydrogen and carbon oxides and the cracked gas is cooled and is recycled to the methanol synthesis.

CLASS 69B & D & Q.

142162.

Int. Cl.-H01h 71/00.

SAFETY DEVICE HAVING A THERMAL AND AN ELECTROMAGNETIC RELEASE FOR A MULTI-POLE CIRCUIT-BREAKER.

Applicant: UNELEC, OF 38, AVENUE KLEBER, 75784 PARIS CEDEX 16, FRANCE.

Inventor: JEON, HENNEMANN.

Application No. 239/Cal/75 filed February 10, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Safety device having a thermal and an electromagnetic release for a multi-pole circuit-breaker comprising means for the detection respectively of overcharge and of short-circuiting actuating, independently from each other, the element for controlling the locking of the said circuit-breaker, characterized in that the said control element is driven respectively directly by an electromagnetic release shaft common to all the poles and which is actuated by the said electromagnetic means for detecting short-circuiting and indirectly through a mechanical power amplifier interposed and controlled by an auxiliary shaft common to all the poles and which is actuated by the said means (40) for the thermal detection of overcharge and in that the said mechanical amplifier comprises a cage having uprights; a rotating catch assembled so as to rotate on a shaft transversal to the said cage and which is actuated by the said auxiliary shaft and a plunger controlled by the said catch assembled to rotate about the said shaft and transmitting the mechanical power of a spring to the said control element.

CLASS 33D & 97F.

142163.

Int. Cl.-H05b 3/40.

IMPROVEMENTS RELATING TO MELTING METALS.

Applicant: G. K. N. GROUP SERVICES LIMITED, OF SMETHWICK, WARLEY, IN THE COUNTY OF WORCESTER, ENGLAND.

Inventors: ROYMOND COOKSEY AND ROLAND GEORGE RONALD SELLORS.

Application No. 345/Cal/75 filed February 24, 1975.

Convention date February 27, 1974/(8795/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of die casting high melting point metal comprising the steps of introducing a solid charge into an electric induction furnace positioned above the receiving station of a shot duct which communicates with a die cavity defined between separable repeatedly useable dies, applying in a first stage of melting, a relatively great heat input to the charge at a relatively high rate to partly melt the charge and subsequently, in a second stage of melting, starting prior to complete melting of the charge, applying a reduced heat input to the charge at a reduced rate, causing the contents of the furnaces to be discharged into the shot duct when the charge is completely molten and transferring the molten metal along the shot duct to introduce the molten metal into the die cavity under pressure.

CLASS 194C₁₀b & 206E.

142164.

10 Claims.

Int. Cl.-H01j 21/00.

DEVICE FOR ASSEMBLING VACUUM TUBE BASES.

Applicant & Inventor : VALERY FERODOVICH CHESTNOV, OF ULITSA VASENKO, 15, KV. 18, SARANSK MORDOVSKOI ASSR, U.S.S.R., AND MIKHAIL VASILIEVICH SHUBANOV, OF ULITSA MICHURINA 26, KV.3, SARANSK MORDOVSKOI ASSR, U.S.S.R.

Application No. 569/Cal/75 filed March 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A device for assembling vacuum tube bases, comprising : continuously rotating rotors equal in number to the assembling operations, from the electrode shaping operation to that of cathode oxidizing, each rotor being made in the form of sprocket; an endless chain conveyor engaging all said sprockets, intended for both actuating said sprockets and transporting said bases; a plurality of groups of actuating mechanisms, each group being intended to perform a particular assembling operation and associated with a respective sprocket, in accordance with the sequence of assembling operations, to rotate simultaneously therewith in the course of assembling; stationary formers each being arranged in proximity to a respective group of actuating mechanisms to co-operate therewith and to actuate these mechanisms for performing a respective assembling operation; clamps attached to said conveyor in a cantilevered manner and intended to hold bases in the course of their transportation and treatment; said clamps being adapted to move in a vertical plane so as to lower said bases into the zone of action of a respective actuating mechanism; means for transporting said clamps; said actuating mechanisms being arranged on each said sprocket so that the spacing therebetween is equal to the arc between the centres of said clamps, with said sprockets being engaged by said chain conveyor.

CLASS 48A₂ & A₁.

142165.

Int. Cl.-H01b 7/00, 9/00.

ELECTRIC CABLES.

Applicant : SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, (WEST) GERMANY.

Inventor : DIPL. PHYS. HEINZ SUNDERHAUF.

Application No. 1253/Cal/75 filed June 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A single-core power cable having applied on the conductor an inner layer of an electrically poor-conductive material, an extruded insulating layer and an extruded outer layer of an electrically poor-conductive material, an intermediate layer between said insulating layer and said outer layer wherein the mechanical rigidity of the intermediate layer is less than the mechanical rigidity of the insulating layer and the outer layer, further a screen and an outer sheathing, said intermediate layer consisting of an extruded insulating plastic material based on an olefin polymer whose layer thickness is nearly equal to the layer thickness of the outer layer.

CLASS 71B & 149F.

142166.

Int. Cl.-E02d 11/00, 17/08.

SHEETING ARRANGEMENT FOR SHORING TRENCHES.

Applicant & Inventor : JOSEF KRINGS, OF D-5138 HEINSBERG OBERBRUCH, HANS-BACKLER-STRASSE 23, GERMAN FEDERAL REPUBLIC.

Application No. 1458/Cal/75 filed July 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A sheeting arrangement for shoring trenches, said sheeting arrangement being of a stopped cross section and comprising a plurality of sets of inner and outer posts, said sets of posts being in aligned pairs transversely of a trench and being spaced longitudinally thereof upper and lower sheeting walls extending between longitudinally adjacent sets of said posts with said upper sheeting wall extending between said outer posts and said lower sheeting wall being inwardly offset from said upper sheeting wall and extending between said inner posts, and spreader devices extending transversely between transversely aligned pairs of said sets of posts for firmly retaining said posts against side walls of the trench.

CLASS 32F₁b.

142167.

Int. Cl.-C07d 49/00, 49/02, 49/18.

MANUFACTURE OF 1, 2-DIMETHYL-3, 5-DIPHENYL-PYRAZOLIUM METHYLSULFATE.

Applicant : AMERICAN CYANAMID COMPANY, AT WAYNE, NEW JERSEY, UNITED STATES OF AMERICA.

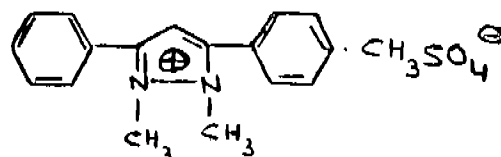
Inventors : WALTER JOSEPH STEPEK, MURRAY GARDNER AND DON WESLEY LONG.

Application No. 1897/Cal/75, filed October 3, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the preparation of 1, 2-dimethyl-3, 5-diphenyl-pyrazolium methylsulfate having the formula shown in Figure 1.



comprising the steps of adding a single reaction zone anhydrous alkali metals hydroxide to an anhydrous solution of 3, 5-diphenylpyrazole containing a dehydrogenation catalyst such as palladium or carbon heating said solution in the range of about 40°C to 100°C for the period of about one half hour to form the alkali metal salt of said pyrazole; reacting said salt of said pyrazole with from about one to about two mole equivalents of dimethylsulfate for from 1 to 2 hours in the temperature range between 50°C and 150°C; filtering off the catalyst; separating the aqueous phase from organic phase; concentrating the said organic phase and rendering the latter phase anhydrous by distilling off part of the solvent and azeotropically removing any water present; add to the anhydrous organic phase a chlorinated hydrocarbon solvent selected from the group consisting of chloroform and ethylene dichloride; adding at least an equimolar amount of dimethylsulfate; heating the latter reaction mixture at a temperature ranging from about 60°C to 120°C; cooling the solution to about 0°C to 20°C, and recovering by known method 1, 2-dimethyl-3, 5-diphenylpyrazolium methylsulfate.

CLASS 88F.

142168.

Int. Cl.-B01d 47/02.

PROCESS AND APPARATUS FOR THE INTRODUCTION OF GAS INTO LIQUIDS.

Applicant : LINDE AKTIENGESellschaft, OF ABRAHAM-LINCOLN-STR. 21, D-62, WIESBADEN, FEDERAL REPUBLIC OF GERMANY.

Inventor : SATISH KUMAR ANAND.

Application No. 483/Cal/76 filed March 19, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for the introduction of gas into liquids in a gassing chamber in which the liquid flows from the top downwards and to which the gas is admitted, characterized in that the stream of liquid entering the gassing chamber is divided into a plurality of partial streams which are sprayed into a gas space maintained inside the gassing chamber, said gas space being limited below by the liquid.

CLASS 128G & I.

142169.

Int. Cl.-A61h 31/00.

A RESUSCITATOR.

Applicant & Inventor : JUGAL KUMAR PAUL, OF 17A/41, W.E.A. GURDWARA ROAD, NEW DELHI, INDIA.

Application No. 766/Cal/76 filed May 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

An emergency resuscitator comprising a compressible or squeeze bag having means for introduction of air or gas thereto, a patient tube connected to said bag through a connector and such as to establish a flow path, a one way valve made of a resilient material having a central opening is provided in the said flow path, said one way valve is a lip being in flow communication through said opening, expiratory discharge outlets being provided in association with said one way valve and such that during the inspiratory phase of the resuscitator the one way valve is open and discharge outlets being provided in association with said one way valve and such that during the inspiratory phase of the resuscitator the one way valve is open and discharge outlets are closed and the outlets are open.

CLASS 84C₁.

142170.

Int. Cl.-C101 5/02.

PROCESS FOR MAKING COAL BLOCK FOR COMPLETE SMOKELESS BURNING; AND THE COAL BLOCK MADE THEREBY.

Applicant & Inventor : DEBANANDA PRAMANIK, 47, MAHANIRVAN ROAD, CALCUTTA-29, WEST BENGAL, INDIA.

Application No. 1685/Cal/76 filed September 14, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process of making coal block for complete and smokeless burning which comprises pulverising raw coal to a fineness of 100 mesh, mixing said pulverised coal with 2-3% burnt lime, about 2% by wt. of an oxide or oxide-yielding compound and 0.5 to 2% by wt. of a bonding material, intimately mixing the ingredients and moulding the mixture into the shape of a cylindrical block provided with a series of vertical holes passing through the said block in parallel relation to the longitudinal axis of the said cylindrical block.

CLASS 67C & 98B.

142171.

Int. Cl.-B01j 3/00.

AN ELECTRICAL DEVICE FOR AUTOMATIC PROGRAMMING OF THE CONTROLS OF A PRESSURE STEAM STERILIZER/AUTOClave AND LIKE PRESSURIZED STEAM VESSELS USING SOLENOID VALVE SYSTEM.

Applicant : NAT STEEL EQUIPMENT PRIVATE LIMITED, OF G. D. AMBEKAR MARG, (NAIGAUM ROAD), DADAR, BOMBAY-400-014, MAHARASHTRA, INDIA.

Inventor : KHURSHED DADIBA HATHIRAM.

Application No. 285/Bom/75 October 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

16 Claims.

An electrical device for automatic programming of the controls of a pressure steam sterilizer/autoclave and like pressurized steam vessels for sterilizing bottled load and having a sterilizer chamber, a steam jacket and a normally closed first solenoid valve for admitting steam into the chamber, a normally open second solenoid valve for slow exhaust of the sterilizer chamber, said electrical device comprising : a dial thermometer for indicating the temperature of the sterilizer chamber and having an electrical contact which closes when the temperature rises to the sterilizing temperature; a pressure gauge for indicating the jacket pressure and having an electrical contact which closes when the pressure rises to the working pressure of the sterilizer; a compound gauge for indicating the degree of pressure or vacuum existing in the sterilizer chamber and having an electrical contact which closes when the pressure in said chamber falls to atmospheric pressure; an automatic reset timer for determining the sterilizing period and having a timer motor and normally closed change-over contacts; a selector switch for programme selection; a first contactor for energizing said 1st & 2nd solenoid valves and having a coil and a plurality of NO-contacts and NC-contacts; a second contactor having a coil and a NO-contact and a pair of NC-contacts; a third contactor having a coil and a plurality of NO-contacts and a plurality of NC-contacts; an electrical circuit having input terminals connectable to an external power source through a main switch and comprising: a first circuit wherein said electrical contact of the dial thermometer is connected in series with said timer motor of timer and has a first NC-contact of said second contactor provided across said electrical contact of said dial thermometer, said first circuit being connected across the input terminals through the contacts of the first pole of said selector switch and a normally closed reset push button; a second circuit wherein the normally closed contact of said timer is connected in series with the coil of said second contactor, said second circuit being connected across said input terminals through said normally closed reset push button and the contacts of the first pole of said selector switch; a third circuit connected in parallel to the coil of said second contactor and having a NO-contact at the second contactor and a first NC-contact of the fourth contactor connected in series with the electrical contact in the pressure gauge, a start push button and the coil of said first contactor, a hold-on contact comprising a fourth NO-contact being provided across said electrical contact and said start push button; a fourth circuit having said electrical contact of the compound gauge in series with the coil of the third contactor with a first NO-contact of the third contactor connected across said electrical contact of the compound gauge said fourth circuit being connected to the change-over contact of said automatic timer; a fifth circuit connected across said coil of the third contactor and comprising a second NO-contact of said third contactor connected to an alarm device through the contacts of a third pole of said rotary switch; a sixth circuit connected in parallel to said first circuit and comprising said normally open second solenoid valve connected in series with a first NO-contact of the first contactor with said normally closed first solenoid valve connected in parallel to said second solenoid valve.

CLASS 62C₁ & 154H.

142172.

Int. Cl.-D06p 1/00.

A METHOD OF MANUFACTURING AQUEOUS PRINTING PASTE FOR USE IN PIGMENT PRINTING OF TEXTILES.

Applicant : THE CENTURY SPINNING & MANUFACTURING COMPANY LIMITED, OF "CENTURY BHAVAN", DR. ANNIE BESANT ROAD, WORLI, BOMBAY-400025, MAHARASHTRA, INDIA.

Inventors : DEV RAJ SHARMA AND PURVEZ SHAPURJI BILLIMORIA,

Application No 170/Bom/75 filed June 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims. No drawings.

A method of manufacturing an aqueous printing paste for use in pigment printing of textiles, which method comprises mixing an acid containing cross-linked acrylic copolymer emulsion such as herein described with water neutralizing and thickening the resulting solution with an alkali such as herein described and adding to the resulting thickening pigment such as herein described, pigment binder such as herein described, alkylated aminoplast resin containing C_4 to C_{12} carbon atoms such as herein described, softeners such as herein described, and catalyst such as herein described.

CLASS 121 & 194C₁ & C₂. 142173.

Int. Cl.-G03c 1/00.

IMPROVEMENTS IN OR RELATING TO A PROCESS FOR PRODUCING PHOTOEMISSIVE COATINGS USED IN PHOTOEMISSIVE DEVICES.

Applicant: BHABHA ATOMIC RESEARCH CENTRE, TROMBAY, BOMBAY-400 085, MAHARASHTRA, INDIA.

Inventors: DOCTOR BIRENDRA PRASAD VERMA AND SHRI CHUNI LAL GHOSH.

Application No. 449/Bom/74 filed December 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

A method of producing photoemissive coatings by vapour deposition of metals on glass or glass fibre windows for use in photoemissive devices like image intensifier tubes, television camera tubes, photomultiplier tubes and the like characterised in that under conditions of vacuum and heat in an enclosed chamber, an initial layer of K-film is vapour deposited on the glass surface, followed in sequence the steps of vapour depositing there on the layers of K and Sb, Na, Na and Sb, K and Sb, Cs and followed by Ca and Sb; the photosensitivity of each layer of film thus obtained is monitored to get the maximum sensitivity, such that the final layer records still higher sensitivity between 200 micro Apm./lumen and 350 micro Apm./lumen.

CLASS 32F₁ & 40F. 142174.

Int. Cl.-C08f 3/22, B01j 1/00.

METHOD OF HALOGENATING THERMOPLASTIC POLYOLEFINS.

Applicant: GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, NEW YORK, UNITED STATES OF AMERICA.

Inventors: RAY CLARENCE LEVER AND EDWARD VINCENT WILKUS.

Application No. 1068/Cal/74 filed May 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims. No drawings.

A method of halogenating polyolefin compositions as hereinbefore described comprising the steps of:

(a) mixing particles of thermoplastic polyolefin material with conventional particulate filler while melting surface portions of the polyolefin particles within an atmosphere comprising vaporous halogen and thereby reacting the halogen with the melting polyolefin while combining the said filler with said melting surface portions of the polyolefin particles, and removing the resultant combined filler and molten halogenated polyolefin from the particles by the mixing action; and,

(b) continuing the mixing of the particles of thermoplastic polyolefin material with the filler and the melting of the surface portions of the polyolefin particles within the atmos-

phere comprising vaporous halogen with the resultant reacting of the halogen with the melting polyolefin, combining of the filler with said melting surface portions of the polyolefin particles and removing of the combined filler and molten halogenated polyolefin from the particles, to effect a progressive halogenation of the polyolefin material.

CLASS 194C₁ & C₂ & C₃. 142175.

Int. Cl.-H01j 61/00, 65/00.

LOW PRESSURE MERCURY VAPOUR DISCHARGE LAMP.

Applicant: N. V. PHILIPS' GLOEILAMPENFABRIEKEN, AT EMMASINGEL, EINDHOVEN, NETHERLANDS.

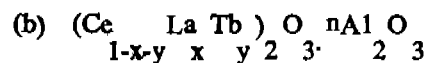
Inventors: JUDICUS MARINUS PIETER JAN VERSTEGEN, DRAGUTIN RADIELOVIC AND LAMBERTUS WILHELMUS JOHANNES MANDERS.

Application No. 2143/Cal/74 filed September 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A low-pressure mercury vapour discharge lamp having a vacuum tight radiation transmitting envelope comprising a quantity of mercury and a quantity of rare gas and provided with electrodes between which the discharge takes place during operation, and with a luminescent coating comprising three luminescent materials, the first material having an emission band at a maximum in the wavelength range between 430 and 490 nm and a half value width of less than 100 nm, the second material mainly having its emission in the wavelength range between 520 and 565 nm, and the third material mainly having its emission in the wavelength range between 590 and 630 nm, characterized in that the second luminescent material is activated by terbium is defined by one of the formulas



in which

$$\begin{aligned} 0 &\leq x \leq 0.50 \\ 0.20 &\leq y \leq 0.50 \\ x + y &\leq 0.90 \\ 10 &\leq n \leq 12 \end{aligned}$$

and in which up to a maximum of 25 at % of aluminium may be replaced by gallium and/or scandium and magnesium may be entirely or partly replaced by zinc and/or beryllium.

CLASS 39C. 142176.

Int. Cl.-C01b 25/26, C01c 1/00.

PROCESS FOR PRODUCING AMMONIUM PHOSPHATES.

Applicant: FISON'S LIMITED, OF FISON HOUSE, 9 GROSVENOR STREET, LONDON, ENGLAND.

Inventors: JOHN DAVID CRERAR, JOHN DAVID CROWTHER HEMSLEY AND IAN CLIVE HEPWORTH.

Application No. 59/Cal/75 filed January 10, 1975.

Convention date January 16, 1974/(02138/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims. No drawings.

A process for producing ammonium phosphates which comprises reacting in the liquid phase in a first stage phosphoric acid with ammonia to produce a partially ammoniated product; passing the reaction product from the first stage to

a second stage where it is reacted with ammonia at pressure higher than that at which the first ammoniation is operated to form a fluid ammonium phosphate; and discharging this fluid ammonium phosphate into a zone at a pressure lower than that at which the second ammoniation stage is operated.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Orissa Cement Limited to the grant of a Patent on application No. 140443, made by The Carborundum Company.

(2)

The Opposition entered by Poysha Industrial Company Limited to the grant of a patent on application No. 138060 made by The Metal Box Company of India Limited has been treated as withdrawn.

PATENTS SEALED

77813 122428 138790 139087 139371 139533 139898 139928
140042 140050 140073 140074 140084 140086 140095 140096
140101 140102 140103 140104 140105 140107 140113 140114
140115 140119 140121 140125 140126 140127 140128 140134
140135 140142 140144 140150 140152 140153 140154 140162
140176 140180 140181 140185 140186 140187 140189 140202
140205 140237 140239 140252 140415 140436 140648

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning, of 45, Bruningstrasse, Frankfurt (Main) Federal Republic of Germany, Chemical Manufacturers, a corporation organised under the laws of Federal Republic of Germany have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 126192 for "Basic Oxazine dyestuffs and process for preparing them method of dyeing or printing fibrous materials using said dyestuffs and materials so dyed or printed". The amendments are by way of correction and explanation so as to claim the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the applications for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

The amendments proposed by Commercial Solvents Corporation now re-named IMC Chemical Group, Inc., in respect of patent application No. 120975 as advertised in Part III, Section 2 of the Gazette of India dated the 15th January 1977 have been allowed.

(3)

The amendments proposed by Phillips Petroleum Company, in respect of patent No. 130927 as advertised in Part III, Section 2 of the Gazette of India dated the 8th January 1977 have been allowed.

CORRECTION OF CLERICAL ERRORS UNDER SECTION-78.

The title of the application and specification of the application for patent No. 139698 (earlier numbered as 1783/Cal/74) the acceptance of the complete specification of which was notified in the Part III, Section 2, of the Gazette of India, dated the 17th July 1976 has been corrected under sub-section (3) of the Section-78 of the Patents Act, 1970.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the Patents.

No.	Title of the invention
103307 (20.4.72)	Process for the purification of amino acids.
111413 (20.4.72)	Process for preparing tetracyclines.
115872 (20.4.72)	Process for the production of new 1-phenoxy-2-hydroxy-3-alkylaminopropanes.
120199 (20.4.72)	A process for making cephalosporins and pharmaceutical compositions containing the same.
122096 (20.4.72)	Process for the preparation of new basic ethers.
122165 (20.4.72)	Substituted benzo [B] thiothenes.
127857 (3.8.70)	Process for preparing vat dyes.
128485 (18.9.70)	Method for separating citric acid from (+)-isocitric acid present in the culture broth.
128717 (6.10.70)	An improved process for nickel and cobalt extraction from lateritic and limonitic nickeliferous ores.
128753 (12.10.70)	Ortho alkylation of p-alkoxyphenols.
128998 (26.10.70)	Process for the preparation of bis aliphatic phosphonic acid anhydrides.
129283 (10.10.70)	Process for the production of zearalenone.
129284 (18.11.70)	Process for the production of zearalenone.
129285 (18.11.70)	Process for the production of zearalenone.
129518 (5.12.70)	Ammonia synthesis process and plant.
129758 (28.12.70)	Process of making tortilla dough.
130021 (21.1.71)	Recycle process for the production of cyclohexanone oxime.
130101 (20.4.72)	Process for preparing substituted benzo [b] thiophenes.
130434 (20.4.72)	Process for the preparation of analogues of lapachol.
130601 (17.3.71)	A process for preparing 1-substituted-2 (1,1-difluoroalkyl)-1H-imidazo (4, 5-B) pyridine compounds.
130783 (29.3.71)	Method for producing citric acid.
130793 (30.3.71)	An improved method of manufacture of sodium meta silicate and manufacture of silica gel therefrom.
130799 (30.3.71)	Process for the treatment of a reaction product obtained by oxidation of cyclohexane.
130891 (7.4.71)	Lubricating oil base stock production.
131352 (20.4.72)	Process for the production of free flowing crystals of the tris (hydroxymethyl) aminomethane salts of pge _α and pfg _α .
131431 (20.5.71)	Process and apparatus for producing carbon black.

- 131614 (6 10.70) An improved process for nickel and cobalt extraction from lateritic and limonitic nickeliferous ores.
- 131615 (6 10.70) An improved process for nickel and cobalt extraction from lateritic and limonitic nickeliferous ores.
- 131829 (22.6.71) Manufacture of concentrated nitric acid.
- 131838 (22 6.71) Improvements relating to methods for extracting by means of a liquid products which are part of solids and device for the working thereof.
- 132005 (6.7.71) Production of benzene and hydrogen.
- 132086 (12.7.71) A process for the purification of crude methanol.
- 132850 (9.9.71) Process for the preparation of cyclohexanol/cyclohexanone mixtures.
- 135093 (20.4.72) Process for preparing diphenylacetoneitrile.

RENEWAL FEES PAID

82010 82044 82072 82083 82095 82149 82515 82558 87375
 87376 88244 88317 88429 88609 89584 89585 93323 93645
 93688 93712 93816 94265 94350 94370 94720 95665 96907
 98833 98917 98918 99088 99253 99397 99411 99426 99436
 99453 99454 99683 99689 99704 99726 99769 99794 99897
 100034 100039 100177 100306 100469 105139 105159 105181
 105185 105198 105278 105306 105391 105404 105442 105448
 105485 105508 105512 105573 106067 106506 108350 109654
 110453 110496 110500 110508 110531 110574 110704 110815
 110825 111104 111193 114566 115243 115412 115568 115572
 115708 115783 115833 115835 115902 116095 116395 117835
 118111 118251 118290 120059 120696 120808 120816 121188
 121189 121228 121239 121259 121276 121285 121305 121306
 121307 121372 121375 121392 121396 121508 121955 124232
 125064 126091 126127 126158 126240 126252 126260 126511
 126518 126529 126540 126545 126568 126608 126626 126698
 126746 126800 126890 126891 127103 127856 127888 128728
 130175 130967 131215 131251 131284 131311 131329 131330
 131347 131348 131462 131523 131533 131534 131566 131601
 131696 131731 131732 133362 133363 134603 134891 135105
 135363 135365 135401 135469 135517 135688 135741 135803
 135818 135825 135831 135932 136068 136073 136133 136134
 136156 136158 136196 136256 136305 136335 136350 136359
 136431 136474 136489 136541 136661 136701 136809 136903
 136904 136958 136996 137081 137153 137259 137320 138013
 138231 138487 138687 138814 138824 138918 138952 138980
 138989 139001 139050 139157 139166 139168 139184 139266
 139283 139288 139311 139337 139390 139437 139443 139444
 139448 139456 139466 139474 139485 139488 139499 139515
 139516 139525 139526 139529 139530 139534 139535 139536
 139537 139539 139544 139547 139548 139558 139562 139571
 139572 139574 139575 139576 139577 139586 139602 139608
 139611 139615 139616 139637 139644 139645 139648 139655
 139695 139734 139753 139757 139860 139902 139923

CESSATION OF PATENTS

84819 84851 84884 84920 84960 84961 84979 84996 85033
 85034 85047 85061 85075 85079 85089 85095 85135 85156
 85168 85169 85192 85210 85213 85235 85260 85274 85314

85337 85340 85355 85390 85413 85425 85489 85505 85540
 85543 85575 85609 85610 85621 85622 85641 85689 85701
 87688 87694 87701 87776 87778 87810 87828 87897 87902
 88050 88092 88104 88108 88118 88125 88288 88304 88309
 88337 88419 88421 88459 88464 88480 88496 88506 88574
 88591 88614 88686 88696 88733 109481 119198 121194
 118168 128255

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. Nos. 144573 & 144574. M/s. Consul Machinery, 167/7, Lenin Sarani, 1st Floor, Calcutta-700072, West Bengal, India, an Indian proprietary concern. "Hydraulic door closers". July 31, 1976.

Class 1. No. 144641. General & Railway Supplies Pty Ltd., of 38, Halifax Street, Adelaide, State of South Australia, Commonwealth of Australia, an Australian Company incorporated under the laws of the State of South Australia. "Railroad cross tie". August 16, 1976.

Class 1. No. 144651. Honlock Industries, Sheikh Dawood, Upper Kot, Aligarh-202001, Uttar Pradesh, an Indian Partnership firm. "Locks". August 19, 1976.

Class 1. No. 144738. Regal Industrial Corporation, a sole proprietary concern, at Room No. 122, Bharat Industrial Estate, 1st Floor, Tokersi Jivraj Road, Sewri, Bombay-400015, Maharashtra, India. "Locking device-cum-handle for brief cases". September 15, 1976.

Class 1. No. 144826. Cinecita Private Limited, a private limited company incorporated under the Indian Companies Act, at 1076, Haines Road, Worli, Bombay-400018, Maharashtra, India. "Sound projector". October 18, 1976.

Class 1. Nos. 144827 to 144829. Sincere Commercials, 61/15, Tandel Street (South), Bombay-400009, Maharashtra, India, Indian Proprietary firm. "Ear ring". October 18, 1976.

Class 1. No. 144878. Cible Projecteurs, of 17, Rue Henri Gautier, 93012, Bobigny, France, A French Company. "Generator body". November 1, 1976.

Class 1. No. 144890. Ghewarchand Virchand Jain, an Indian National, C/o. Gaymond Industries, 56/64, Nanubhai Desai Road, 2nd Floor, Room No. 10, Opp : Samadhan Vihar Hotel, Bombay-400004, State of Maharashtra, India. "A window grill". November 5, 1976.

Class 1. No. 144981. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. "A floodlight". December 9, 1976.

Class 1. No. 145152. Mrs. Shakuntala Ramchandra Dandekar, An Indian Citizen, C/o. Purshottamdas Goluldas, Patent Attorneys, 39-D, Khorshed Building, Sir P. M. Road, Bombay-400 001, Maharashtra, India. "Curtain or towel rod hanging set". January 24, 1977.

Class 1. No. 145153. Maharashtra Metal Pressing Works, An Indian Registered Partnership Firm, at Arab Lane, Masjid Compound, R. No. 26, Bombay-400 008, Maharashtra, India. "Ladle for rice". January 24, 1977.

- Class 1 No. 145254. Kizhanatham Varadachary Srinivasan, Managing Partner, Joy Toy Industries, 3-B, Eldams Road, (Third Floor), Madras-600 018. Tamil Nadu, India Indian National. "Desk calendars". January 25, 1977.
- Class 3. No. 144620. Paramount Products, an Indian Partnership Concern, 809, Prasad Chambers, Bombay-400 004, (Maharashtra State), India. "Containers". August 12, 1976.
- Class 3. No. 144661. Packshell containers, An Indian Registered Partnership Firm, at 206 Satguru Nanik Ind Estate, Western Express Highway, Goregaon, Bombay 400 063, Maharashtra, India. "A container". August 23, 1976.
- Class 3. No. 144662. Packshell containers, An Indian Registered Partnership Firm, at 206, Satguru Nanik Ind Estate, Western Express Highway, Goregaon, Bombay-400 063 Maharashtra, India, "Pillproof closure". August 23, 1976.
- Class 3. No. 144707 Asian Advertisers, 20, Kala Bhavan, 4th Floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (Formerly of 191, Kalbadevi Road, Bombay-2, an Indian Partnership firm. "Memo slip container". September 7, 1976.
- Class 3. No. 144708. Asian Advertisers, 20, Kala Bhavan, 4th Floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (Formerly of 191, Kalbadevi Road, Bombay-2) an Indian Partnership firm. "Pen stand with ball point pens". September 7, 1976.
- Class 3. No. 144725. Brahma Bharati Udyog, an Indian Partnership firm, at Green House, 2nd Floor, Green Street, Fort, Bombay-400 023, Maharashtra, India. "Toy". September 13, 1976.
- Class 3. No. 144814. Sagolite Industries, 59, Evergreen Industrial Estate, Shakti Mill Lane, Mahalaxmi, Bombay-400 011, Maharashtra State, India, An Indian Partnership firm. "Brush for cleaning venetian blinds". October 18, 1976.
- Class 3. No. 144924 Dunlop Limited, a British Company of Dunlop House, Ryder Street, St. James's London SW1 1PX, England. "Tyre for a vehicle wheel". May 17, 1976 (U.K.).
- Class 3. No. 144942. Anchor Industries, 185, Bombay Talkies Compound Malad (West), Bombay-64, Maharashtra, an Indian Partnership Firm. "Plug". November 23, 1976.
- Class 3. No. 144943. Anchor Industries, 185, Bombay Talkies Compound Malad (West), Bombay-64, Maharashtra an Indian Partnership firm "Switch". November 23, 1976.
- Class 3. No. 144955. Pams Industries, of Unit No. 9, Ground Floor, 4-B, Shanti Nagar, Vakola, Santacruz East, Bombay-400 055, State of Maharashtra, India, a partnership firm registered under Indian Partnership Act. "Soap box". November 26, 1976.
- Class 3. No. 144965. Colgate-Palmolive Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, of 300 Park Avenue, New York, New York-10022, United States of America. "Bottle". November 29, 1976.
- Class 3. No. 145044. Murshed Ali Khan, an Indian Citizen, at 516, Khambatia Bldg., Room No. 14, 2nd Floor, Victoria Road, Corner of J. J. Hospital, Bombay-8, Maharashtra, India. "Perfume bottle". December 29, 1976.
- Class 3. No. 145045. Murshed Ali Khan, An Indian Citizen, at 516, Khambatia Bldg., Room No. 14, 2nd Floor, Victoria Road, Corner of J. J. Hospital, Bombay-8, Maharashtra, India. "Closure". December 29, 1976.
- Class 3. Nos. 145048 & 145049. The Metal Box Company of India Limited, of Barlow House, 59-C, Chowringhee, Calcutta-700020, West Bengal, India, an Indian Company. "A pillerproof fitment for container". December 29, 1976.
- Class 3. No. 145058. The Metal Box Company of India Limited, of Barlow House, 59-C, Chowringhee, Calcutta-700020, West Bengal, India, an Indian Company. "A fitment to containers". December 31, 1976.
- Class 3. No. 145146. Usha Sales Limited, an Indian Company, 19-Kasturba Gandhi Marg, New Delhi-110001, India. "A carrying case for sewing machine". January 21, 1977.
- Class 3. No. 145147. Usha Sales Limited, An Indian Company, 19-Kasturba Gandhi Marg, New Delhi-110001, India. "A base for sewing machine". January 21, 1977.
- Class 3. No. 145159. Kizhanatham Varadhachary Srinivasan, Managing Partner, Joy Toy Industries, 3-B, Eldams Road, (Third Floor), Madras-600 018. Tamil Nadu, India, Indian National. "Desk calendars". January 25, 1977.
- Class 4. No. 144966. Colgate-Palmolive Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, of 300, Park Avenue, New York, New York-10022, United States of America. "Bottle". November 29, 1976.
- Class 4. Nos. 145021 to 145024. The Bengal Electric Lamp Works Limited, a Company incorporated in India under the Indian Companies Act, 1913, at 4, Fairlie Place, Calcutta-700 001, State of West Bengal, India. "An electric lamp". December 23, 1976.
- Class 5. No. 144800. Paramount Products, an Indian Partnership Concern, at 809, Prasad Chamber, Behind Roxy Cinema, Bombay-400 004, India. "Carton". October 13, 1976.
- Class 10. No. 144855. Sunder Plastics Industries, 3698-Bara Tooti, Sadar Bazar, Delhi-110006, India, An Indian Partnership firm. "Footwear". October 30, 1976.

S. VEDARAMAN,

Controller-General of Patents,
Designs and Trade Marks.

